

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re Application of:

Eran SHPAK, et al.

Serial No.: 10/664,631

Filed: September 19, 2003

For: WIRELESS LAN WITH CENTRAL  
MANAGEMENT OF ACCESS POINTS

) Art Unit: (N/A)

) Examiner: (N/A)

) Washington, D.C.

) May 29, 2007

) Docket No.: 90648

INFORMATION DISCLOSURE STATEMENT [IDS]

Honorable Commissioner of Patents and Trademarks  
Washington, D.C. 20231

Sir:

This Information Disclosure Statement is submitted in accordance with 37 C.F.R. 1.97, 1.98, and it is requested that the information set forth in this statement and in the listed documents be considered during the pendency of the above-identified application, and any other application relying on the filing date of the above-identified application or cross-referencing it as a related application.

☒ 1. This IDS should be considered, in accordance with 37 C.F.R. 1.97, as it is filed:

(Check one of the boxes A-D)

☐ A. within three months of the filing date of the above-identified national application or within three months of the entry into the national stage of the above-identified international application.

☐ B. before the mailing date of a first office action on the merits.

☒ C. after (A) and (B) above, but before final rejection or allowance, and Applicants have made the necessary certification (box "i" below) or paid the necessary fee (box "ii" below).

(check one of the boxes "i" and "ii" below:)

☒ i. Counsel certifies that, upon information and belief, each item of information listed herein was either (a) cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this IDS; or (b) was not cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of undersigned after making reasonable inquiry, was not known to any individual designated in 1.56(c) more than three months prior to the filing of this IDS.

☐ ii. A check for the fee set forth in 1.17(p), presently believed to be \$240, is enclosed (check no. \_\_\_\_\_).

☐ D. after (A), (B) and (C) above, but before payment of the issue fee: Applicant petitions under 37 C.F.R. 1.97(d) for the consideration of this IDS. A check for the fee set forth in §1.17(i), presently believed to be \$130 is enclosed (check no. \_\_\_\_\_). Counsel certifies that, upon information and belief, each item of information listed herein was either (i) cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the IDS; or (ii) was not cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the undersigned after making reasonable inquiry, was not known to any individual designated in 1.56(c) more than three months prior to the filing of this IDS.

☐ 2. In accordance with 37 C.F.R. 1.98, this IDS includes a list (e.g., form PTO-1449) of all patents, publications, or other information submitted for consideration by the office, either incorporated into this IDS or as an attachment hereto. A copy of each document listed is attached, except as explained below.

(check boxes A and/or B and fill in blanks, if appropriate.)

☐ A. Document(s) \_\_\_\_\_ is (are) deemed substantially cumulative to document(s) \_\_\_\_\_, and, in accordance with 1.98(c), only a copy of each of the latter documents is enclosed.

☐ B. Certain documents were previously cited by or submitted to the Office in the following prior application(s), which are relied upon under 35 U.S.C. 120:

[insert serial numbers and filing dates of prior applications]

Applicant identifies these documents by attaching hereto copies of the forms PTO-892 and PTO-1449 from the files of the prior application(s) or a fresh PTO-1449 listing these documents, and request that they be considered and made of record in accordance with 1.98(d). Per 37 CFR 1.98(d), copies of these documents need not be filed in this application.

☐ 3. Document(s) \_\_\_\_\_ is(are) not in the English language. In accordance with 1.98(c), Applicant states:

☐ An English translation of each document (or of the pertinent portions thereof), or a copy of each corresponding English-language patent or application, or English-language abstract (or claim) is enclosed.

☐ A concise explanation of the relevance of document(s) \_\_\_\_\_ is found in the attached search report (see reply to Comment 68 in the preamble to the final rules; 1135 OG 13 at 20).

☐ A concise explanation of the relevance of document(s) \_\_\_\_\_ is set forth as follows:  
[Insert concise explanation of relevance]

☐ A concise explanation of the relevance of document(s) \_\_\_\_\_ can be found on page(s) \_\_\_\_\_ of the specification.

☐ A concise explanation of document(s) \_\_\_\_\_ can be found on the attached sheet.

4. No explanation of relevance is necessary for documents in the English language (see reply to Comments 67 and 68 in the preamble to the final rules; 1135 OG 13 at 20).

[X] 5. Other information being provided for the examiner's consideration follows:

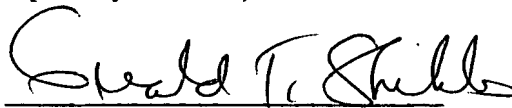
An Office Action dated April 19, 2007, which issued during the prosecution of Applicant's U.S. Patent Application Number 10/348,863.

6. In accordance with 37 C.F.R. 1.97(g) and (h), the filing of this IDS should not be construed as a representation that a search has been made or that information cited is, or is considered to be, material to patentability as defined in §1.56 (b), or that any cited document listed or attached is (or constitutes) prior art. Unless otherwise indicated, the date of publication indicated for an item is taken from the face of the item and Applicant reserves the right to prove that the date of publication is in fact different.

**CROSS REFERENCE UNDER 37 C.F.R. §1.78 TO RELATED APPLICATIONS**

Pursuant to 37 C.F.R. § 1.78, Applicant notes that the above-identified patent application may be related to the following U.S. Patent Applications:

Respectfully submitted,

By   
Gerald T. Shekleton  
Reg. No. 27,466

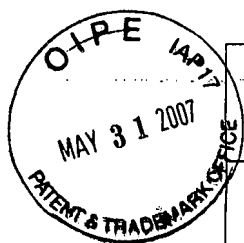
Enclosures: FORM PTO/SB/08; Return Postcard  
Welsh & Katz, Ltd.  
22nd Floor  
120 South Riverside Plaza  
Chicago, IL. 60606  
312/655-1500



CERTIFICATE OF MAILING

I hereby certify that this Information Disclosure Statement, together with the stated enclosures, is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450 on May 29, 2007.

Gerald P. Shields



Date: May 29, 2007

Page 1 of 2

FORM PTO-1449 (Colb)	ATTY DOCKET NO. 90648	SERIAL NUMBER 10/664,631
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANTS' INFORMATION STATEMENT	APPLICANT Eran SHPAK, et al.	EXAMINER (N/A)
	FILING DATE September 19, 2003	GROUP ART UNIT (N/A)

## U.S. PATENT DOCUMENTS

Examiner's Initials		DOCUMENT NO.	DATE	NAME	CLASS	SUB	FILING DATE
	AA	6,799,054	09-2004	Shpak			
	AB	2003/0133422	07-2003	Bims			
	AC	6,097,705	08-2000	Ben-Michael, et al.			
	AD	6,028,866	02-2000	Engel, et al.			
	AE	4,935,925	06-1990	Williams, et al.			
	AF	6,567,396	05-2003	Pohjanvouri, et al.			
	AG	6,529,164	03-2003	Carter			
	AH	6,671,284	12-2003	Yonge, et al.			
	AI	5,644,576	07-1997	Bauchot, et al.			
	AJ	5,982,779	11-1999	Krishnakumar, et al.			

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB	TRANS- LATION
	AK						

## OTHER ART (Including Author, Bills, Pertinent Pages, Etc.)

AL	
AM	
EXAMINER:	DATE CONSIDERED:
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

FORM PTO-1449 (Colb)	ATTY DOCKET NO. 90648	SERIAL NUMBER 10/664,631
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANTS' INFORMATION STATEMENT	APPLICANT Eran SHPAK, et al.	EXAMINER (N/A)
	FILING DATE September 19, 2003	GROUP ART UNIT (N/A)

## U.S. PATENT DOCUMENTS

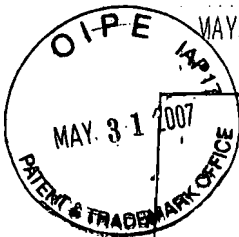
Examiner's Initials		DOCUMENT NO.	DATE	NAME	CLASS	SUB	FILING DATE
	AA	2002/0114303	08-2002	Crosbie, et al.			
	AB	2002/0048368	04-2002	Gardner			
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB	TRANS- LATION
	AK						

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EXAMINER:	DATE CONSIDERED:
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MAY. 7. 2007 8:43AM

WELSH &amp; KATZ

NO. 2320 P. 63/63

**Notice of References Cited**

Application/Control No.

10/348,863

Applicant(s)/Patent Under  
Reexamination  
SHPAK, ERAN

Examiner

Andrew Lai

Art Unit

2616

Page 1 of 1

**U.S. PATENT DOCUMENTS**

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
*	A	US-6,799,054	09-2004	Shpak, Eran	455/525
*	B	US-2003/0133422	07-2003	Bims, Harry	370/328
*	C	US-6,097,705	08-2000	Ben-Michael et al.	370/315
*	D	US-6,028,866	02-2000	Engel et al.	370/461
*	E	US-4,935,925	06-1990	Williams et al.	370/428
*	F	US-6,567,396	05-2003	Pohjanvouri et al.	370/349
*	G	US-6,529,164	03-2003	Carter, Scott J.	342/483
*	H	US-6,671,284	12-2003	Yonge et al.	370/462
*	I	US-5,644,576	07-1997	Bauchot et al.	370/338
*	J	US-5,982,779	11-1999	Krishnakumar et al.	370/447
*	K	US-2002/0114303	08-2002	Crosbie et al.	370/338
*	L	US-2002/0048368	04-2002	Gardner, Steven Holmsen	380/277
	M	US-			

**FOREIGN PATENT DOCUMENTS**

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

**NON-PATENT DOCUMENTS**

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
	V	
	W	
	X	

\*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)  
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.